



STATE OF MICHIGAN
JOCELYN BENSON, SECRETARY OF STATE
DEPARTMENT OF STATE
LANSING

-- NOTICE --

**YOU ARE HEREBY NOTIFIED THAT THE BOARD OF STATE CANVASSERS
WILL CONDUCT A REMOTE MEETING ON FEBRUARY 25, 2021 AT 2:00 P.M.**

The Board of State Canvassers will meet remotely on Thursday, February 25, 2021 at 2:00 p.m., in accordance with the Open Meetings Act, 1976 PA 267, as amended by Public Acts 228 and 254 of 2020.¹

Please use this [LINK](#) to observe the meeting: [February 25 Meeting of Board of State Canvassers](#).

Included on the Agenda will be:

- Consideration of meeting minutes for approval (December 23, 2020 meeting).
- Election of Board Chairperson and Vice-Chairperson for terms ending February 1, 2023.
- Consideration of multiple proposed *de minimis* modifications to approved voting systems:
 - a. Addition of an alternative equivalent circuit board part to the Approved Manufacturers List as “preferred,” change in status of the existing circuit board part to “alternate,” and clerical changes to user manual, submitted as ECO No. 1389 by Hart InterCivic.
 - b. Replacement of an obsolete commercial-off-the-shelf (COTS) monitor used with the Verity workstation with an equivalent product recommended by the manufacturer, submitted as ECO No. 1440 by Hart InterCivic.
 - c. Replacement of an obsolete battery with an extended-life battery used to power the accessible voting device, submitted as ECO No. 1103 by Election Systems and Software (ES&S).
- Update on the processing of initiative petitions.
- TENTATIVE AGENDA ITEM (pending sponsor’s submission of Printer’s Affidavit and printer’s proof copies of petition): Consideration of the form of a petition to form a new political party submitted by the Patriot Party.
- Such other and further business as may be properly presented to the Board.

/s/ Jonathan Brater

Jonathan Brater, Secretary
Board of State Canvassers

A person may address the Board on any agenda item at the end of the meeting. Anyone who wishes to address the Board on an agenda item *at the time the item is being discussed* must submit a written request to the Chairperson of the Board *prior to the start of the meeting*. Requests to speak may be submitted via email to MDOSCanvassers@Michigan.gov. **Persons addressing the Board are allotted three minutes to speak.**

In addition, members of the general public may also submit written comments using the “Chat” feature at the meeting link above, or via email to MDOSCanvassers@Michigan.gov.

People with disabilities needing accommodations for effective participation in this meeting may request assistance via email to MDOSCanvassers@Michigan.gov or by calling (517) 335-3234.

¹ See the Open Meetings Act, 1976 PA 267, MCL 15.261 *et seq.*, as amended.



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**Meeting
of the
Board of State Canvassers**

December 21, 2020

Called to order: 9:13 a.m.

Members present: Jeannette Bradshaw - Chairperson
Aaron Van Langevelde – Vice Chairperson
Julie Matuzak
Norman Shinkle

Members absent: None.

Agenda item: Consideration of meeting minutes for approval (November 23, 2020 meeting).

Board action on agenda item: The Board approved the minutes of the November 23, 2020 meeting as submitted. Moved by Matuzak; supported by Shinkle. Ayes: Bradshaw, Van Langevelde, Matuzak, Shinkle. Nays: None. Motion carried.

Agenda item: Certification of the results of the partial recount for the office of State Representative, 71st District.

Board action on agenda item: Based on the examination of the recount of votes cast at the November 3, 2020 election for candidates who sought the office of State Representative, 71st District, the Board certified that the attached is a true statement of the votes given in the election, and that Angela Whitwer was elected to the office of State Representative, 71st District. Moved by Matuzak; supported by Shinkle. Ayes: Bradshaw, Van Langevelde, Matuzak, Shinkle. Nays: None. Motion carried.

Agenda item: Such other and further business as may be properly presented to the Board.

Board action on agenda item: None.

Adjourned: 9:39 a.m.

Chair

Vice-Chair

Member

Member

Date



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February 25, 2021

Election of Chairperson and Vice-Chairperson for terms ending February 1, 2023

The Michigan Election Law requires the Board to elect a Chairperson and Vice-Chairperson during the month of February in odd-numbered years. MCL 168.22d(3) ("In February of each odd numbered year, the board of state canvassers shall elect a chairperson and vice-chairperson from its members.").

Recommended Motion:

I nominate _____ to serve as Chairperson and _____
to serve as Vice-Chairperson of the Board of State Canvassers for the term ending February 1,
2023.

(Note: If members prefer, two separate motions may be offered for Chair and Vice Chair.)



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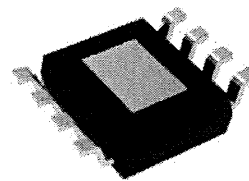
DATE: February 25, 2021
TO: Board of State Canvassers
FROM: Jonathan Brater, Director of Elections
SUBJECT: Proposed *de minimis* Modification to Approved Voting System – Hart
ECO No. 1389

Hart InterCivic, Inc. is seeking the Board's approval of a *de minimis* modification to its Verity Voting System version 2.4, which: (1) Adds an alternative circuit board component part for the to the Approved Manufacturers List (AML) as "preferred" while changing the status of the existing component part currently in use to "alternate;" and (2) Corrects clerical errors in the AML.

SLI Compliance, an accredited Voting System Test Laboratory, was contracted by Hart to evaluate whether these proposed changes are *de minimis*, meaning they do not affect the EAC certification status of the voting system approved for use in Michigan. A "*de minimis* change" is one "which will not materially alter the system's reliability, functionality, capability, or operation [,]" and that "the original hardware and the replacement hardware are electronically and mechanically interchangeable and have identical functionality and tolerances."

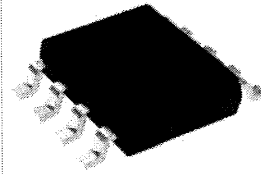
As to the designation of a new "preferred" component and re-designation of the existing component as an "alternate" on the AML, the parts in question are buck converters manufactured by Texas Instruments. Buck converters are used in electronics to convert (or reduce) a high voltage current to a lower voltage, thereby reducing the amount of heat emitted from electronics and lengthening battery life. Analysis by SLI Compliance demonstrated that the specifications for the alternate (currently in use) and preferred (proposed replacement) buck converters are equivalent or better with respect to reliability and performance.

Image of the Texas Instruments buck converter (model no. TPS54540BDDA) that will be designated as a "preferred" part under this proposed change.



TPS54540BDDA Texas Instru...

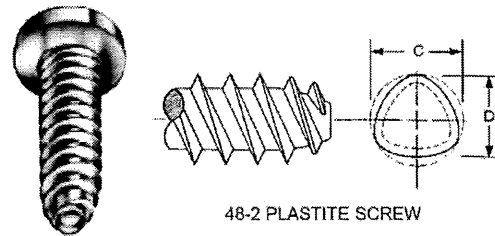
Image of the Texas Instruments buck converter (model no. TPS54540DDA) that will be designated as an “alternate” part under this proposed change.



Texas Instruments
TPS54540DDA

The proposed corrections of clerical errors concern the “plastite” (thread-forming) screws used to secure the circuit board. The current version of the AML identifies the *distributor* of plastite screws and references distributor part numbers, when in fact the AML should include the *manufacturer’s* name and part numbers. SLI Compliance verified that the parts themselves are not changing, only the way in which they are identified on the AML.

Image of plastite screw.



Other corrections proposed here include adding the minimum amount of distance between the overmold and end of the metal connection in an engineering drawing of a USB cable (0.462) within the AML and correcting transposed digits in a part number on the Bill of Materials (model no. 1005482 versus 1005428).

This package of proposed changes was approved as *de minimis* by the U. S. Election Assistance Commission on October 2, 2020 and affects the 11 counties serviced by Hart InterCivic.¹

Recommended Motion:

I move that the Board of State Canvassers approve the addition of the alternative circuit board buck converter manufactured by Texas Instruments as the “preferred” option on the Approved Manufacturers List and redesignate the Texas Instruments buck converter currently in use as the “alternate.”

I further move that the Board approve the corrections of clerical errors in the Approved Manufacturers List regarding plastite screws and the USB cable, and the transposed digits in parts numbers in the Bill of Materials.

¹ https://www.michigan.gov/documents/sos/Vendor_Selection_Summary_554414_7.pdf.



U. S. ELECTION ASSISTANCE COMMISSION
VOTING SYSTEM TESTING AND CERTIFICATION PROGRAM
1335 East West Highway, Suite 4300
Silver Spring, MD 20910

October 2, 2020

Sent via e-mail

Pam Geppert, Senior Director of Product Management
Hart InterCivic
15500 Wells Port Drive
Austin, TX 78728

Re: ECO 01389

Dear Ms. Geppert,

This correspondence is to inform you that Hart ECO 01389 is approved.

Sincerely,

A handwritten signature in black ink, appearing to read "Jerome C. Lovato".

Jerome Lovato
Director, Voting System Testing and Certification

Cc: SLI Compliance

SLI Compliance Engineering Change Evaluation and Review Form

Vendor:	Hart InterCivic	Date:	18-Sep-20
Change ID:	ECO-01389	System(s):	All Verity releases
Product:	Alternate equivalent circuit board component.		

Change Summary Description

Summary Description: ECO-01389 serves two primary purposes: the addition of an alternate equivalent circuit board component on the Approved Manufacturers List, an updated revision of the same part, and to do clerical housekeeping on manufacturing documentation.

Reason for Change: Correct clerical errors and alternate equivalent part to improve lead time and availability.

Change Evaluation		Comments
<input type="checkbox"/>	The change affects the form, fit or function of the equipment and therefore requires hardware testing to be performed. The testing requirements are defined in the Hardware Test Matrix table below. Any changes made to a system under test will result in the manufacturer supplying a list and detailed description of all changes.	N/A
<input checked="" type="checkbox"/>	De Minimis change order: A de minimis change order is a change to a certified voting system's hardware, software, Technical Data Package (TDP), or data, the nature of which will not materially alter the system's reliability, functionality, capability, or operation.	The requested changes do not affect the system's reliability, functionality, capability, operation or software.
<input checked="" type="checkbox"/>	System documentation: The manufacturer has provided a description of how this change will impact any relevant system documentation and has provided the updated documentation, if applicable.	Updated AML will not go into effect until after the EAC ruling.


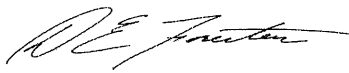

Summary Comments

SLI performed a comparison of key specifications for the TPS54540DDA, 5-A step-down DC-to-DC converter and their preferred replacement the TPS54540BDDA. Analysis showed the manufacturer specifications are equivalent or better for the preferred replacement with respect to reliability, performance characteristics, ESD ratings, and electrical characteristics.

All proposed clerical corrections on manufacturing documentation is appropriate.

SLI has assessed the propose changes in ECO 01389, including supporting documentation. The requested change does not affect the system's reliability, functionality, capability, operation, or software. SLI considers the nature of this change to be De Minimis and therefore not to affect the Federal certification status for all applicable Verity releases. No additional testing is required at this time.

As required under section 3.4.3 of the EAC's Voting System Testing and Certification Program Manual Version 2.0, Hart InterCivic has provided the necessary information to verify the ECO 01389 change is De Minimis.

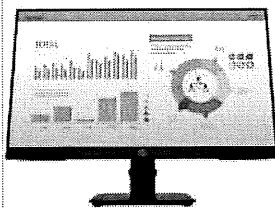
	Approved by/Title	Signature:	Date:
	Darrick E. Forester Hardware Test Engineer		18-Sep-20
	Traci Mapps Director		18-Sep-20



STATE OF MICHIGAN
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DATE: February 25, 2021
TO: Board of State Canvassers
FROM: Jonathan Brater, Director of Elections
SUBJECT: Proposed *de minimis* Modification to Approved Voting System – Hart
ECO 1440

Hart InterCivic is seeking the Board's approval of a *de minimis* modification to its Verity certified voting system to replace an obsolete commercial-off-the-shelf (COTS) monitor with an equivalent product recommended by the manufacturer.



HP P24 G4 24 FHD
Monitor|1A7E5AA#A

Hewlett Packard, manufacturer of the monitor used with the Verity workstation, no longer produces and has replaced its existing model (no. P244) with the new P24 G4 24; the replacement monitor has the same specifications, features and display output connectors as the product that is currently in use.

As a result of this proposed change, the new model will be designated as “preferred” in the Approved Manufacturer List (AML) while the version currently in use will be changed to “alternate.”

SLI Compliance, an accredited Voting System Test Laboratory, was contracted by Hart to evaluate whether this change is *de minimis*, meaning it does not affect the EAC certification status of the voting system approved for use in Michigan. A “*de minimis* change” is one “which will not materially alter the system’s reliability, functionality, capability, or operation [.]” and that “the original hardware and the replacement hardware are electronically and mechanically interchangeable and have identical functionality and tolerances.”

This proposed *de minimis* change was approved by the U. S. Election Assistance Commission on October 28, 2020 and affects the 11 counties serviced by Hart.

Recommended Motion:

I move that the Board of State Canvassers approve the addition of the alternative Verity workstation monitor manufactured by Hewlett Packard as the “preferred” option on the Approved Manufacturers List and redesignate the Hewlett Packard monitor currently in use as the “alternate.”



U. S. ELECTION ASSISTANCE COMMISSION
VOTING SYSTEM TESTING AND CERTIFICATION PROGRAM
1335 East West Highway, Suite 4300
Silver Spring, MD 20910

October 28, 2020

Sent via e-mail

Pam Geppert, Senior Director of Product Management
Hart InterCivic
15500 Wells Port Drive
Austin, TX 78728

Re: ECO 01440

Dear Ms. Geppert,

This correspondence is to inform you that Hart ECO 01440 is approved.

Sincerely,

A handwritten signature in black ink, appearing to read "Jerome C. Lovato".

Jerome Lovato
Director, Voting System Testing and Certification

Cc: SLI Compliance



4720 INDEPENDENCE ST • WHEAT RIDGE, COLORADO 80033 • 844-754-8683 • 303-422-1566

slicompliance.com SLI Compliance, a Division of GLI®

October 20, 2020

U.S. Election Assistance Commission
1335 East West Highway, Ste. 4300
Silver Spring, MD 20910

Re: ECO-01440 – HP P24 G4 24 Replacement Monitor.

Dear Mr. Lovato,

At the request of Hart InterCivic, SLI is providing an assessment of ECO-01440, including supporting documentation provided by Hart InterCivic, to determine if this change is De Minimis, and no additional testing is required.

Summary Description:

The Commercial-Off-The-Shelf (COTS) monitor (display) for use with Verity workstations is End-Of-Life (EOL) and replaced. The manufacturer, Hewlett Packard has recommended that the P244 is replaced with the P24 G4 24.

Reference Documents:

- EAC 2005 Voluntary Voting System Guidelines (VVSG) Volume II, Sec. 1 & 4
- EAC Voting System Testing and Certification Program Manual V. 2, Sec. 3.4 & 3.5

Documentation used in SLI's Assessment:

- ECO-01440 Summary - Updated HP Monitor 4005681 A00
- 4005681A_Supporting_Documents
 - Datasheets:
 - HP ProDisplay P244 Monitor Datasheet.pdf
 - HP ProDisplay P244 Monitor Datasheet 2.pdf
 - HP ProDisplay P24 G4 24 Monitor Datasheet.pdf
 - Approved Manufacturer's List (AML)
 - 2005880 Rev B AML Report.pdf

Conclusion:

SLI performed a comparison of key specifications for the P244 Monitor and their preferred replacement the P24 G4 24 Monitor. Analysis showed the manufacturer specifications are equivalent for the preferred replacement with respect to environmental operating temperatures, power consumption, energy efficiency, and regulatory certifications.

There are no changes to software or OS images to accommodate this change.

SLI has assessed the propose changes in ECO 01440, including supporting documentation. The requested change does not affect the system's reliability, functionality, capability, operation, or software. SLI considers the nature of this change to be De Minimis and therefore not to affect the Federal certification status for all applicable Verity releases. Hart's internal testing performed is appropriate. No additional testing is required.

As required under section 3.4.3 of the EAC's Voting System Testing and Certification Program Manual Version 2.0, Hart InterCivic has provided the necessary information to verify the ECO 01440 change is De Minimis.

If you have questions regarding this assessment, please contact Darrick Forester.

Sincerely,

A handwritten signature in black ink, appearing to read "Traci Mapps", written in a cursive style.

Traci Mapps
Director

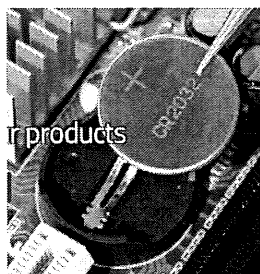


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DATE: February 25, 2021
TO: Board of State Canvassers
FROM: Jonathan Brater, Director of Elections
SUBJECT: Proposed *de minimis* Modification to Approved Voting System – ES&S
ECO 1103

Election Systems & Software (ES&S) is seeking the Board's approval of a *de minimis* modification to its EVS 6050 certified voting system affecting a CMOS battery used with the Express Vote version 2.1¹ accessible voting device. ES&S services 7 counties in the state.²

CMOS batteries are used in many types of electronics, including laptop computers; the following is an image of a generic CMOS battery (*not* the specific one used in the Express Vote):



This proposal will result in the replacement of the existing CMOS battery with one that lasts longer, reducing the need to replace batteries during the preventative maintenance cycle.

Pro Verification and Validation (Pro V&V), an accredited Voting System Test Laboratory, was contracted by ES&S to evaluate whether this proposed change is *de minimis*, meaning that it does not affect the EAC certification status of the system approved for use in Michigan. A "*de minimis* change" is one "which will not materially alter the system's reliability, functionality, capability, or operation [,]" and that "the original hardware and the replacement hardware are electronically and mechanically interchangeable and have identical functionality and tolerances." Pro V&V has concluded that the proposed modification constitutes a *de minimis* change and the EAC has agreed with their determination.

Recommended Motion:

I move that the Board of State Canvassers approve the replacement of the CMOS battery used with the ES&S EVS 6050 Voting System certified for use in the State of Michigan.

¹ There are no Express Vote v. 2.1 units currently used in Michigan, but any new Express Vote units that are purchased or replaced in the future will be version 2.1.

² https://www.michigan.gov/documents/sos/Vendor_Selection_Summary_554414_7.pdf.



U. S. ELECTION ASSISTANCE COMMISSION
VOTING SYSTEM TESTING AND CERTIFICATION PROGRAM
633 3rd St. NW, Suite 200|
Washington, DC 20001

December 22, 2020

Sent via e-mail

Sue McKay, Vice President of Federal Certification
Election Systems & Software
11208 John Galt Blvd.
Omaha, NE 69137

Re: ECO 1103

Dear Ms. McKay,

This correspondence is to inform you that ES&S ECO 1103 is approved.

Sincerely,

A handwritten signature in black ink, appearing to read "Paul Aumayr", written over a horizontal line.

Paul Aumayr
Senior Election Technology Specialist

Cc: Pro V&V



January 5, 2021

VIA EMAIL TO: tarrantd2@michigan.gov

Mr. David Tarrant
Department of State, Bureau of Elections
430 West Allegan Street
Lansing, MI 48918

RE: Notification of Engineering Change Order (ECO) 1103

Dear Mr. Tarrant,

Pursuant to Election Systems & Software, LLC ("ES&S") company policy and State of Michigan statutes, notice of Engineering Change Orders ("ECOs") to state certified hardware components are being provided to the Michigan Bureau of Elections. All ECOs are reviewed by an Election Assistance Commission (EAC) accredited Voting System Testing Laboratory (VSTL) for conformance to the Voluntary Voting Systems Guidelines (VVSG) prior to any state being notified of a particular modification.

Recently, ES&S submitted an ECO to Pro V&V, Inc. ("ProV&V") for their review and testing. Below is a table displaying the ECO number, description of modification, and the VSTL resolution of the ECO. Modifications that are determined to be *De Minimis* are defined by the EAC as a modification that requires no additional testing or certification because the change is minor in nature and has no impact on the systems operation.

ES&S ECO #	ECO Description of Change	VSTL Resolution
1103	<p><i>Update V2.1 CMOS battery</i> <u>Summary:</u> ECO 1103 updates V2.1 CMOS battery to extend time between maintenance events.</p> <p>Pro V&V reviewed and tested ECO 1103 and determined the modification does not impact any system operations. No additional testing required.</p>	<p>De Minimis 12/14/2020</p>

ES&S respectfully requests review of this letter and supporting documentation by your office and written approval of ECO 1103 presented in this letter at your earliest opportunity.

If you have any questions or require additional information, please do not hesitate to contact me at 402-212-1814 or via email at mark.manganaro@essvote.com.

Sincerely,

A handwritten signature in black ink that reads 'Mark A. Manganaro'.

Mark Manganaro
Senior State Certification Manager
Election Systems & Software, LLC

Attachments

cc: Timothy J. Hallett, JD, Vice President, Certification